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Incorporating the Practices of
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FACSIMILE

DATE: March 24, 2003
SENT BY: A. Tanguay
FROM:
TO: Examiner Max Noori

FACSIMILE NO.: 703 746 4411

PHONE NO.:

NO. OF PAGES
(including this page):

CONFIRMATION BY MAIL Yes No

Re: US Appln. 09/994,640 - Our file: 1004-75

As per your telephone request, enclosed is a copy of our amendment letter filed September 30, 2002 responding to the office action of July 30, 2002. Also enclosed is a copy of the date-stamped post card by the Patent Office acknowledging receipt on September 30, 2002.

This correspondence is intended for the person to whom it is addressed and contains information that is confidential, and is privileged, and may be proprietary in nature. If you have received this facsimile in error, please notify us immediately by telephone (collect) and mail the facsimile back to us.

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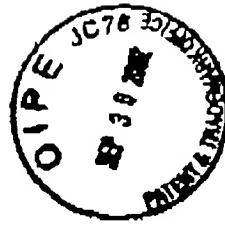
MAR 24 2003 10:28 AM FR 613 563 9231

613 563 9231 TO 17037464411

P.02

Re: US Patent Application 09/994,640
HYDROGEN SENSOR USING A SOLID HYDROGEN
ION CONDUCTING ELECTROLYTE - Maffei
Our file: 1004-75

Receipt is acknowledged of the following:
- transmittal form
- response to office action mailed July 30, 2002
enclosing original Certificate of Correction



PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0851-0031
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TRANSMITTAL FORM

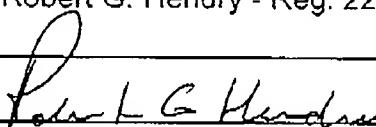
(to be used for all correspondence after initial filing)

| | | | |
|--|---|------------------------|--------------|
| | | Application Number | 09/994,640 |
| | | Filing Date | 11/28/2001 |
| | | First Named Inventor | A. Kuriakose |
| | | Group Art Unit | 3855 |
| | | Examiner Name | Max Noon |
| Total Number of Pages in This Submission | 9 | Attorney Docket Number | 1004-75 |

ENCLOSURES (check all that apply)

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|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment / Reply | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Other Enclosure(s) (please identify below): |
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| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---|
| Firm or Individual name | Robert G. Hendry - Reg. 22927 |
| Signature |  |
| Date | 09/26/2002 |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

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| Typed or printed name | | | |
| Signature | | Date | |

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#417
T. J. W.
3-26-03IN THE UNITED STATES PATENT AND TRADE MARKS OFFICE

Inventors: Areekattuthazhayil K. Kuriakose
Nicola Maffei
Application: 09/994, 640
Title: HYDROGEN SENSOR USING A SOLID HYDROGEN ION CONDUCTING ELECTROLYTE
Art Unit: 3855
Examiner: Max Noon
Our File: 1004-75

September 26, 2002

The Commissioner of Patents
and Trade Marks,
Washington, D.C., 20231
U.S.A.

Dear Sir:

This is in response to the office action mailed July 30, 2002 in the above-identified application.

In the Abstract:

Please amend the abstract as follows:

RJ SA A reliable gaseous hydrogen detection and measuring device which is simple, easy to use, does not require any reference gas supply, and which can be of reasonably rugged construction. The device utilizes a disc comprising a solid state ceramic hydronium conductor of the general formula $[Na(H_3O)Zr_2Si_xP_{(3-x)}O_{12}] Na(H_3O)_xZr_2Si_xP_{(3-x)}O_{12}$ together with a silver based electrode system on one side,

